



ipga, inc.  
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# ALTER

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hcc: 949-509-5001  
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Project: 147K  
BIBLITION

City of Carson, CA

1

STRUCTURAL  
ANALICAL  
ENGINEERING

# SCIENCE

**Overall site plan**

ct Number: 15287  
n by: C.G.

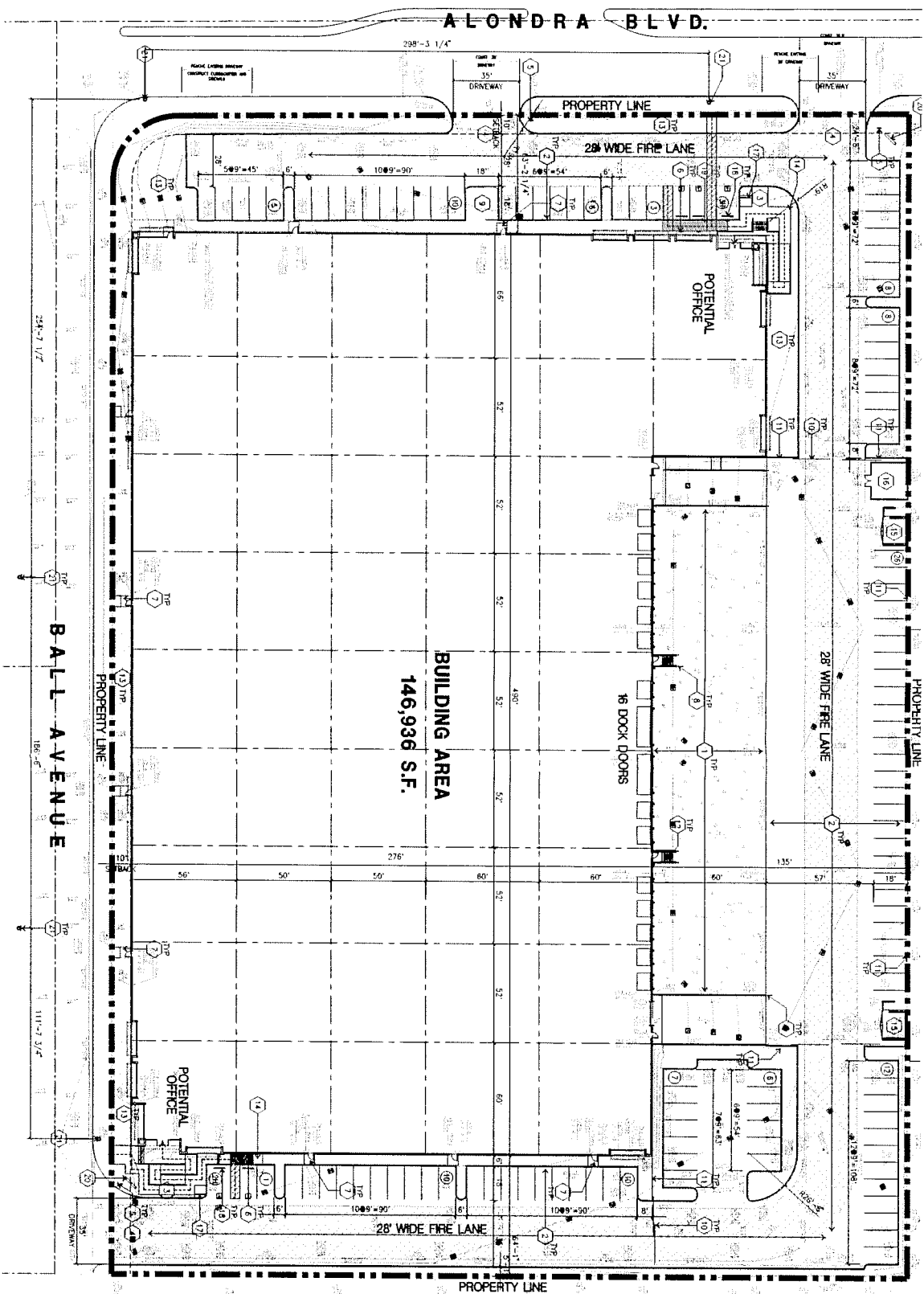
tion:

[illegible]

*Polymer Degradation and Stability*

**There is**

# DAB-A1.1



## UTILITIES

|  |   |   |  |  |   |  |  |   |  |   |   |
|--|---|---|--|--|---|--|--|---|--|---|---|
| ALBERT BISHOPSON<br>10000 S. 10TH AVE.<br>CARSON, CA 90746<br>(415) 592-1111 | SUE Z<br>10000 S. 10TH AVE.<br>CARSON, CA 90746<br>(415) 592-1111 | CALIFORNIA WATER SERVICE COMPANY<br>(FARMER COUNCILMAN WATER)<br>10000 S. 10TH AVE.<br>CARSON, CA 90746<br>(310) 551-1605 | DEBO WATER SERVICES<br>5224 H. PHILLIPS BLVD.<br>LOS ANGELES, CA 90048<br>(213) 441-3600 | GOLDEN STATE WATER COMPANY<br>10000 S. 10TH AVE.<br>CARSON, CA 90746<br>(310) 421-8161 | JAMES H. HARRIS<br>10000 S. 10TH AVE.<br>CARSON, CA 90746<br>(310) 421-8161 | TETRAPEM, DEKON AND MONTGOMERY<br>10000 S. 10TH AVE.<br>CARSON, CA 90746<br>(310) 421-8161 | THE WING CABLE<br>805 E. STREET<br>MINNEAPOLIS, CA 55014<br>(608) 939-1235 | THRESEMER GROUP (D&P)<br>10000 S. 10TH AVE.<br>CARSON, CA 90746<br>(310) 217-5500 | WASTE MANAGEMENT<br>10000 S. 10TH AVE.<br>CARSON, CA 90746<br>(310) 217-5500 | WEST MANAGEMENT<br>10000 S. 10TH AVE.<br>CARSON, CA 90746<br>(310) 217-5500 | WEST MANAGEMENT<br>10000 S. 10TH AVE.<br>CARSON, CA 90746<br>(310) 217-5500 |
|--|---|---|--|--|---|--|--|---|--|---|---|

### LEGAL DESCRIPTION

THE LAND REFERRED TO HEREON IS DESCRIBED AS FOLLOWS:

THE LAND RETURNED TO MICHIGAN IS SITUATED IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THE WESTERN 356.79 FEET OF LOT 11, BLOCK THIRTY, IN THE CITY OF CARSON, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN THE PUBLIC RECORDS OF SAID COUNTY.

SECTION 16, TOWNSHIP 20 NORTH, RANGE 2, PLACE 44 OF SAID MAP, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT THEREFROM THE NORTHERLY 20 FEET OF SAID LAND.

THAT PORTION OF LOT 11, BASSETT TRACT, AS SHOWN ON MAP RECORDED IN BOOK 2, PAGE 44 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, WITHIN THE FOLLOWING DESCRIBED LINE:

[illegible]

14-2 = 2.0 L ALUMINA BLV

THE LAND REFERRED TO HEREON IS DESCRIBED AS FOLLOWS:

THE LAND REFERRED TO HEREIN IS SITUATED IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PAGES 44 OF MAPS IN THE OFFICE OF THE COUNTY RECORDER OF SAN JOAQUIN COUNTY, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 2

LOCATED AT A POINT IN THE CENTER LINE OF CUNE STREET, FORMERLY CENTRAL AVENUE, DISTANT 919.55 FEET EASTWARD FROM THE INTERSECTION OF THE

EASTWARD ALONG SAID CENTER LINE OF CLARE STREET, FORMERLY CENTRAL AVENUE, A DISTANCE OF 195.18 FEET; THENCE SOUTHWEST ALONG A LINE PARALLEL TO SAID WESTERN BOUNDARY OF SAID LOT 11, THENCE NORTHEAST, BEARING A DISTANCE OF 106.8 FEET TO A POINT IN SAID NORTHWEST CORNER OF SAID LOT 11, THENCE

SAY LOT 11, A DISTANCE OF 667.97 FEET, MORE OR LESS TO THE POINT OF BEGINNING.

EXCEPT THEREFROM THE NORTH 50 FEET THEREOF

## TABULATION

| SITING AREA                        |              | BLDG. |
|------------------------------------|--------------|-------|
| Gross in sq.ft.                    | 278,423 s.f. |       |
| Gross in ac.                       | 6.4 ac       |       |
| Net in sq.ft.                      | 259,614 s.f. |       |
| Net in ac.                         | 6.0 ac       |       |
| BUILDING AREA                      |              |       |
| Office - 1st floor                 | 9,600 s.f.   |       |
| Office - 2nd floor                 | 5,000 s.f.   |       |
| Warehouse                          | 132,236 s.f. |       |
| TOTAL                              | 146,936 s.f. |       |
| COVERED (base on net)              |              |       |
| PARKING REQUIRED                   |              |       |
| office: 1/700 s.f. (if exceed 10%) | n/a stats    |       |
| warehouse: 1/1,500 s.f.            | 98 stats     |       |
|                                    | 56.6%        |       |

## SITE PLAN KEYNOTES

1. HEAVY BROWN FINISH CONCRETE PAVEMENT.
2. GENERAL CONCRETE (AC) PAVING.
3. CONCRETE MUYAM, MEDIAL BROWN FINISH.
4. BROWN FINISHES TO BE CONSTRUCTED PER CITY STANDARDS.
5. UNPAVED DRIVE, SIDEWALK.
6. UNPAVED PARKING SHALL BE 50% ASPHALT, LAMINAR AND 50% AT ALL OTHERS SHALL BE CONCRETE TO BE MEDIAL BROWN FINISH. PROVIDE NAK TO CITY INSPECTOR.
7. OR DRIVE MAY AS REQ. BY CITY INSPECTOR.
8. CONCRETE FILLD CURB, POST 8 INCH, 48"HT
9. APPROXIMATE LOCATION OF TRANSFORMER.
10. HIGH TENSILE STEEL CABLE WITH NAK-GUY PER THE DEPARTMENT STANDARDS AT EX. 100'.
11. HIGH TENSILE STEEL CABLE WITH NAK-GUY PER THE DEPT. FOR HIGHER GATE.
12. 8" HIGH TENSILE STEEL FENCE.

## SITE PLAN GENERAL NOTES

1. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE WALL, FACE OF CONCRETE CURB OR SPILL OUT CURB.
2. CONCRETE DIMENSIONS TO BE A MINIMUM OF 4" THICK WITH REINFORCED JOINTS AT 6' ON C&G. EMBANKMENT, CONSTRUCTION JOINTS TO BE REINFORCED WITH 1" X 12" REBAR TO BE A MINIMUM SPILL OUT CURB.
3. ALL CONCRETE CURBS, CURBOUTS AND SPILLS SHALL BE PER CITY/COUNTY STANDARDS.
4. ALL OFF-CUT CURB, CONCRETE AND SHALL BE FIELD VERIFIED.
5. ALL BUILDINGS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURE.
6. ALL HORIZONTAL, CURBOUT, DIMENSIONS SHALL BE DESIGN BY CIVIL ENGINEER.
7. ALL SPILLS SHALL BE PER DRAINAGE AND SURVEILLANCE POINTS.
8. ALL CONCRETE AND REINFORCING DETAILS SHALL BE CURRENT CITY STANDARDS. ALL CURBOUTS OR SPILLS WITH REINFORCED JOINTS SHALL BE PER CITY/COUNTY STANDARDS.
9. PER CURB SHALL BE PER COUNTY AND DATED CURBS AND SPILLS OR AS REQUIRED BY THE LOCAL PERMITS DEPARTMENT.

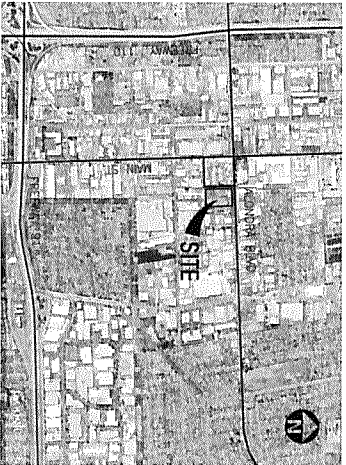
## PROJECT INFORMATION

18831 BARDEN AVE - STE# 1000  
ROCK HAVEN, CA 92612  
PHONE (949) 865-1770  
FAX (949) 865-5813  
CONTACT: HOON NEUA PARK  
ASSOCIATES PARCEL NUMBERS  
0123-014-001  
0123-014-002

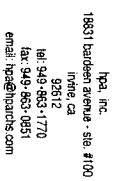
## SITE PLAN GENERAL NOTES

|  |  |                          |   |
|--|--|--------------------------|---|
|  | CONCRETE PAVING - SEE "C" DIMENSIONS FOR THICKNESS | <input type="checkbox"/> | LIGHT STANDARD                            |
|  | STANDARD PAVING STALL                              | 30"                      | EXISTING PUBLIC FIRE HYDRANT              |
|  | COMPACT PAVING STALL                               | 30"                      | PREPARE FIRE HYDRANT APPROXIMATE LOCATION |
|  | 8'-0" x 15'  |                          | CATCH BASIN                               |
|  | HANDOVER PARKING STALL                             | 8'                       | WATER LINE - SEE CIVIL                    |
|  | 9' x 12' + 5' W ACCESSIBLE WALK                    | 8'-0"                    |   |
|  | 12' x 18' + 5' W ACCESSIBLE WALK                   | 8'-0"                    | GAS LINE - SEE CIVIL                      |
|  |  | 8'-0"                    | SEWER LINE/VALVE                          |
|  |  | 8'-0"                    | SEE CIVIL                                 |

## AERIAL MAP



Side



**ALTERE**  
Property Group LLC

email

City of Carson, CA

STRUCTURAL  
MECHANICAL  
PLUMBING  
ELECTRICAL

Title: Floor Plan

Project Number: 15267  
 Drawn by: C.G.  
 Date: 9/15/15  
 Revision:

5/16/16

Figure 1. The effect of the concentration of the *Agrobacterium* strain on the transformation efficiency of *Agrobacterium* strain.

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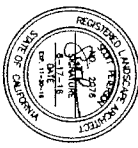
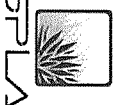
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## A2.1



OWNER:

ALERE  
Property Group LLC  
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147  
DISTRIBUTION  
CENTER  
City of Carson, CA

Consultants:

CIVIL  
STRUCTURAL  
MECHANICAL  
PLUMBING  
ELECTRICAL  
LANDSCAPE  
FIRE PROTECTION  
SUSAN ROYERTitle:  
CONCEPTUAL  
LANDSCAPE PLANProject Number:  
2016-08-17  
Revision:  
2016-08-17  
Date:  
08-17-16  
Drawn by:  
Checked by:

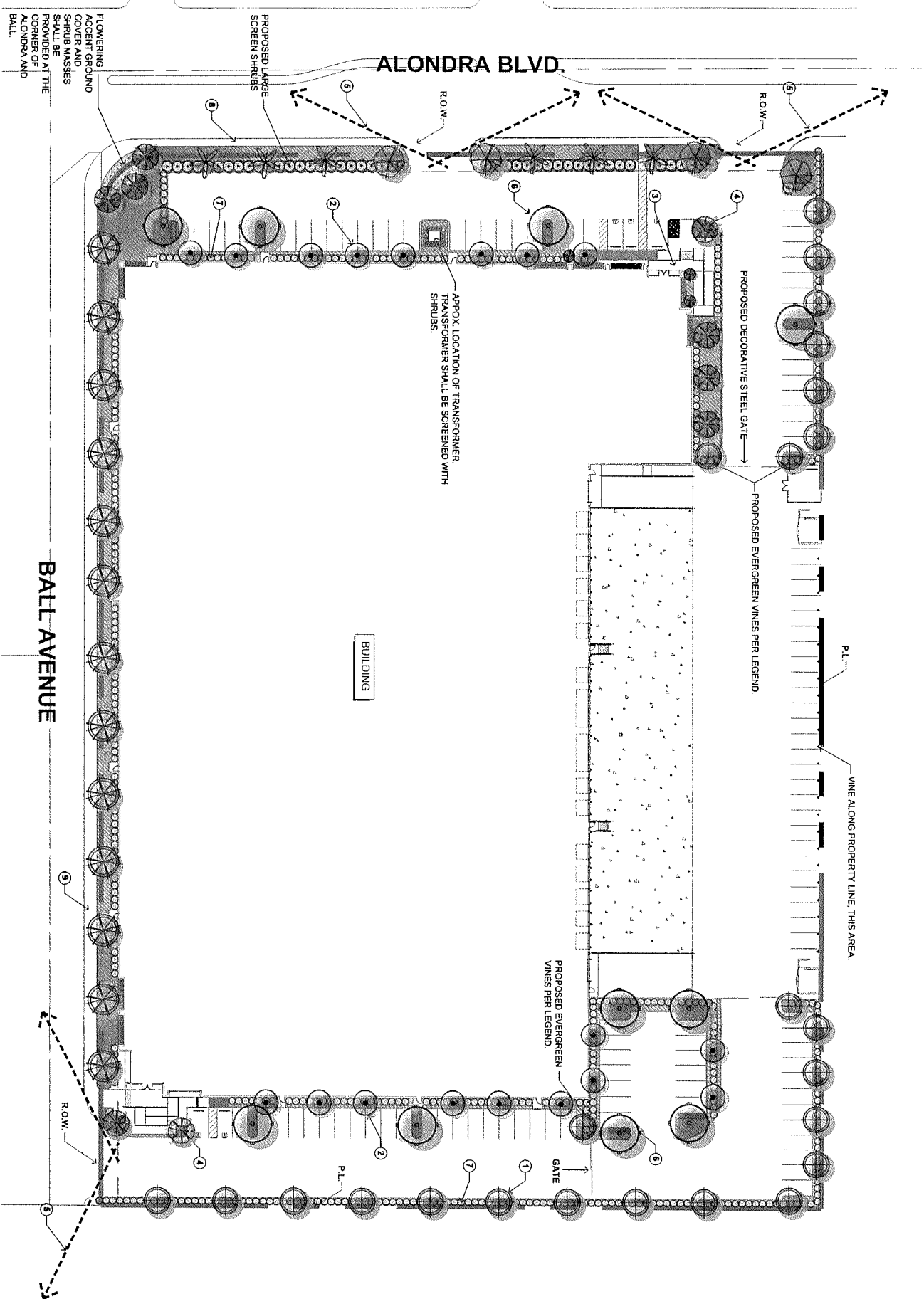
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## DESIGN KEY NOTES:

1. TYP. VERTICAL TREE ALONG PROPERTY LINE PER LEGEND.
2. TYP. VERTICAL TREE AGAINST BUILDING PER LEGEND.
3. TYP. ENTRY PAVING CONSISTENT OF NATURAL CONCRETE WITH MEDIUM BROOM FINISH AND SCORE LINES.
4. TYP. FLOWERING ACCENT TREES AT BLDG. ENTRIES PER LEGEND.
5. ALLOW FOR SIGHT DISTANCE LINES PER CITY STANDARDS WITHIN SPOTTING ENTRY TREES.
6. TYP. PARKING LOT CANOPY TREE PER LEGEND.
7. TYP. FOUNDATION SHRUB PLANTING.
8. EXISTING SIDEWALK. REFER TO CIVIL PLANS.
9. NEW SIDEWALK. REFER TO CIVIL PLANS.

## PLANTING LEGEND

| TREES                        |  |                                      |
|------------------------------|--|--------------------------------------|
| SYMBOL                       | TREE NAME  | QTY.                                 |
|                              | STREET TREE ALONG ALONDRA BLVD.<br>18 FT. BTU.<br>PHOENIX DACTYLIFERA, TRUE DATE PALM<br>MINIMUM ROOT AREA: 4'-0"  | 6 L                                  |
|                              | STREET TREE ALONG BALL AVENUE<br>CERES OCCIDENTALIS, WESTERN REDBUD<br>24" BOX SIZE<br>MINIMUM ROOT AREA: 3'-0"  | 13 L                                 |
|                              | PARKING LOT CANOPY TREE<br>RHUS LANCEA, AFRICAN SUMAC<br>24" BOX SIZE  | 10 L                                 |
|                              | VERTICAL TREE AGAINST BUILDING<br>PODOCARPUS GRACILIOR, FERN PINE COLUMNS)<br>15 GAL. AND 24" BOX MIN. SIZE.   | 18 M                                 |
|                              | VERTICAL TREE ALONG PROPERTY LINE<br>TRISTANIA CONFERTA, BRISBANE BOX<br>15 GAL. SIZE.   | 24 M                                 |
|                              | FLOWERING ACCENT TREE AT BUILDING ENTRIES<br>LAGERSTROEMIA I. WATERMELON RED, GRAPE MYRTLE<br>24" BOX SIZE.  | 9 L                                  |
|                              | ENTRY DRIVEWAY CANOPY TREE<br>PISTACHIA CHINENSIS, CHINESE PISTACHE (FRUITLESS)<br>36" BOX SIZE.   | 4 L                                  |
|                              | VERTICAL PYRAMIDAL BUILDING ENTRY OFFICE TREE<br>CURPESUS SEMPERVIRENS, ITALIAN CYPRESS  | 3 L                                  |
| SHRUB NAME                   |  |                                      |
|                              | DROUGHT TOLERANT SHRUBS SHALL CONSIST OF:<br>DODONAEA VISCOSA PURPUREA, HORSE-SEED BUSH<br>5 GAL. SIZE<br>PHOTINIA FRASERI, REDTIP PHOTINIA<br>5 GAL. SIZE<br>BURNING BUSH, INDIAN HAWTHORNE<br>5 GAL. SIZE<br>ROSMARINUS TUSCANI BLUE, ROSEMARY SHRUB<br>5 GAL. SIZE<br>BURNING BUSH, INDIAN HAWTHORNE<br>5 GAL. SIZE<br>LIGUSTRUM TEXANUM, TEXAS PRIVET<br>5 GAL. SIZE   | WUCOLS<br>L<br>L<br>L<br>L<br>L<br>L |
| GROUND COVER/SHRUB MASS NAME |  |                                      |
|                              | DROUGHT TOLERANT GROUND COVER & SHRUB MASSES SHALL CONSIST OF:<br>SENECIO MANDRAULISCAEA, BLUE CHALK STICKS<br>1 GAL. SIZE @ 24" O.C.<br>ROSMARINUS O. PROSTRATUS, CREEPING ROSEMARY<br>1 GAL. SIZE @ 36" O.C.<br>SALVIA GREGGII, AUTUMN SAGE<br>1 GAL. SIZE @ 36" O.C.<br>MULLEBERGIA RIGENS, DEER GRASS<br>1 GAL. SIZE @ 42" O.C.<br>LONICERA J. HALLIANA, HALL'S HONEYSUCKLE<br>1 GAL. SIZE @ 24" O.C.<br>SALVIA CLEVELANDI, CLEVELAND SAGE<br>5 GAL. SIZE @ 48" O.C.<br>BACCHARIS PILULARIS, COYOTE BUSH<br>1 GAL. SIZE @ 42" O.C. | WUCOLS<br>L<br>L<br>L<br>L<br>L<br>L |



## GENERAL NOTES:

ALL UTILITY EQUIPMENT SUCH AS BACKFLOW PREVENTERS, FIRE PROTECTION CHECKS AND FIRE CHECK VALVES WILL BE SCREENED WITH EVERGREEN PLANT MATERIAL. ONCE FINAL LOCATIONS HAVE BEEN DETERMINED MINIMUM ROOT AREA OF THE SELECTED STREET TREES SHALL BE MAINTAINED WITHIN THE PLANTING AREA WITHOUT CAUSING ROOT DAMAGE.

ALL PROPOSED TREES SHALL BE SUFFICIENTLY SET BACK FROM ALL PAVING, WALLS, UTILITIES, AND BUILDINGS TO AVOID FUTURE ROOT DAMAGE.

## CONCEPTUAL PLAN NOTE:

THIS IS A CONCEPTUAL LANDSCAPE PLAN. IT IS BASED ON PRELIMINARY INFORMATION WHICH IS NOT FULLY VERIFIED AND MAY BE INCOMPLETE. IT IS MEANT AS A COMPARATIVE AID IN EXAMINING ALTERNATE DEVELOPMENT STRATEGIES AND ANY QUANTITIES INDICATED ARE SUBJECT TO REVISION AS MORE RELIABLE INFORMATION BECOMES AVAILABLE.

## IRRIGATION NOTE:

THE PROJECT WILL BE EQUIPPED WITH A LOW FLOW IRRIGATION SYSTEM CONSISTING OF ET WEATHER BASED SMART CONTROLLER, LOW FLOW ROTORS, BUBBLER AND/OR DRIP SYSTEMS USED THROUGHOUT. THE IRRIGATION WATER EFFICIENCY WILL MEET OR SURPASS THE CURRENT SCS CUP-100 DATED AS-1981 WATER ORDNANCE.

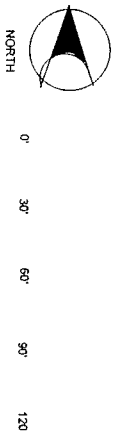
ALL INTERIOR LANDSCAPING SHALL BE MAINTAINED WITH AN IRRIGATION SYSTEM, PERMANENTLY INSTALLED, WHICH DELIVERS WATER TO ALL LANDSCAPED AREAS PER CMG 9102.52.1.5 REQUIREMENTS.

## WUCOLS PLANT FACTOR

THIS PROJECT IS LOCATED IN WUCOLS REGION 3-SOUTH COASTAL.

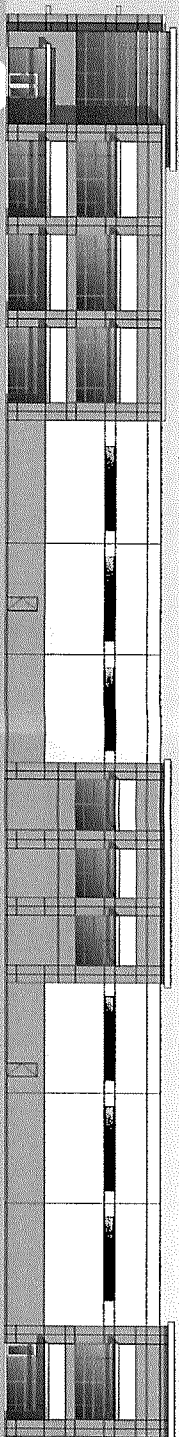
## LANDSCAPE DATA

TOTAL LANDSCAPE AREA PROVIDED = 20,245 SQ. FT.

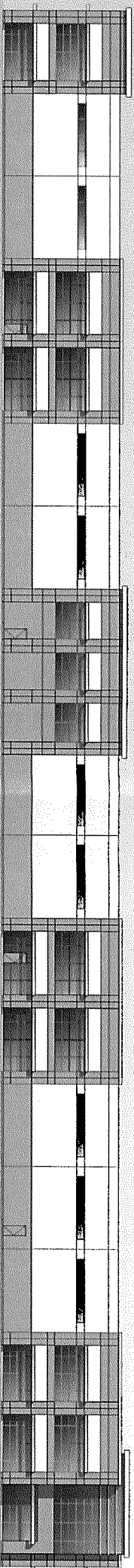


| VINE   |  |        |
|--------|--|--------|
| SYMBOL | VINE NAME  | WUCOLS |
|        | PROPOSED EVERGREEN VINE SUCH AS FICUS PUMILA, CREEPING FIG | L      |

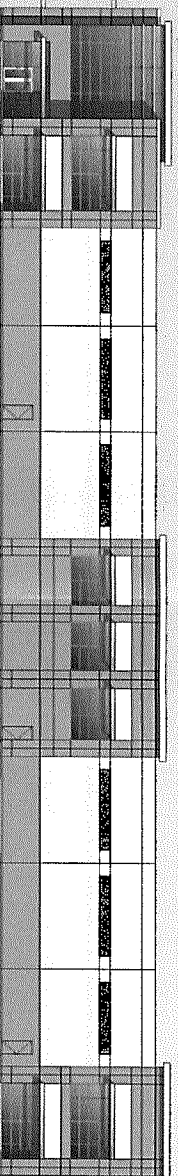




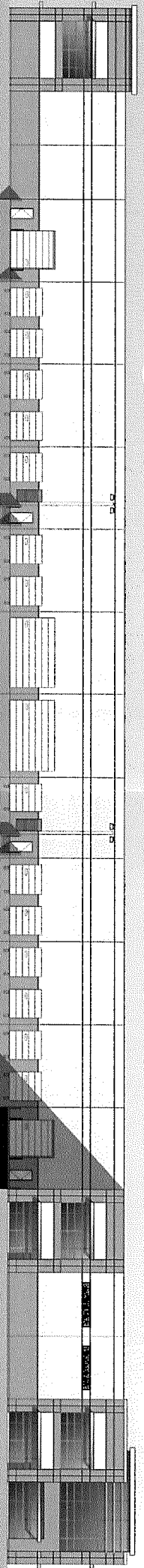
North Elevation - Alondra Blvd.



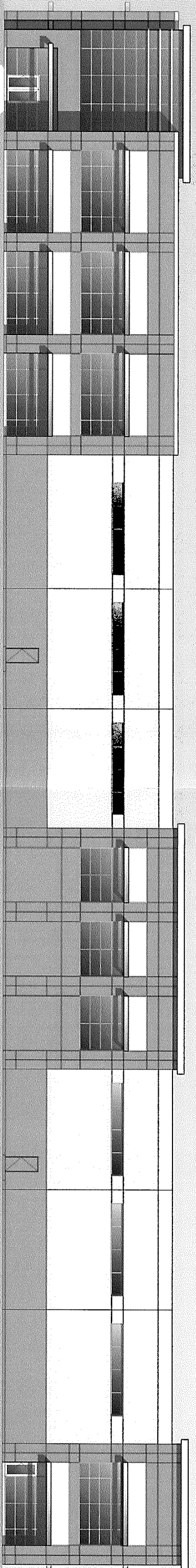
West Elevation - Ball Avenue



South Elevation



East Elevation

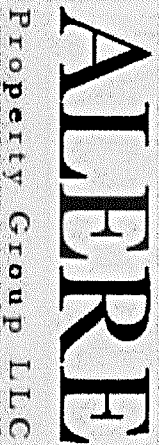


Enlarged View of North Elevation - Alondra Blvd.

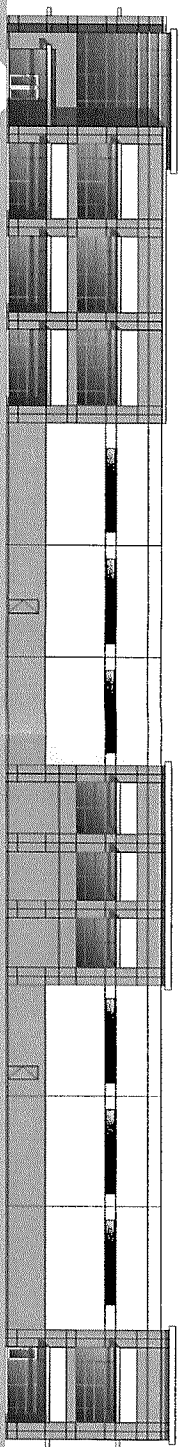


# 147K Distribution Center

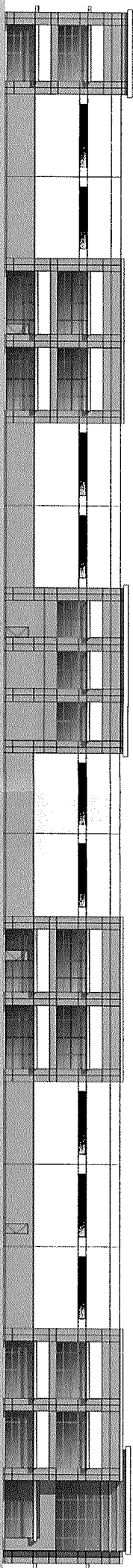
CITY of CARSON, CA



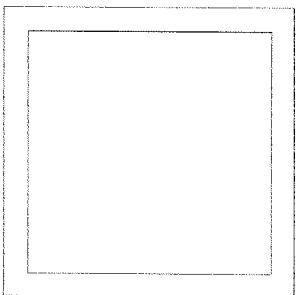
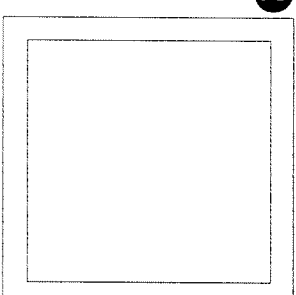
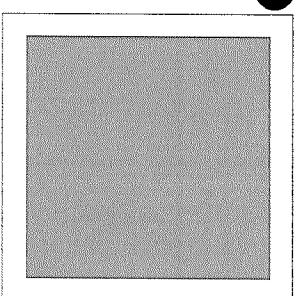
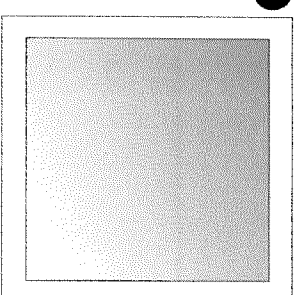
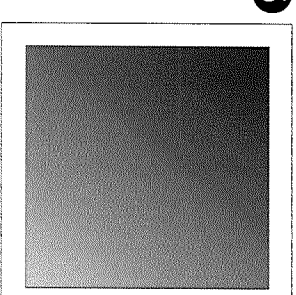
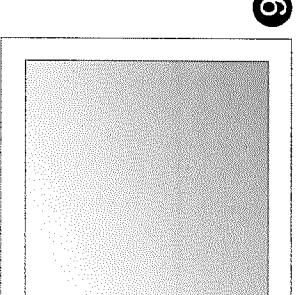


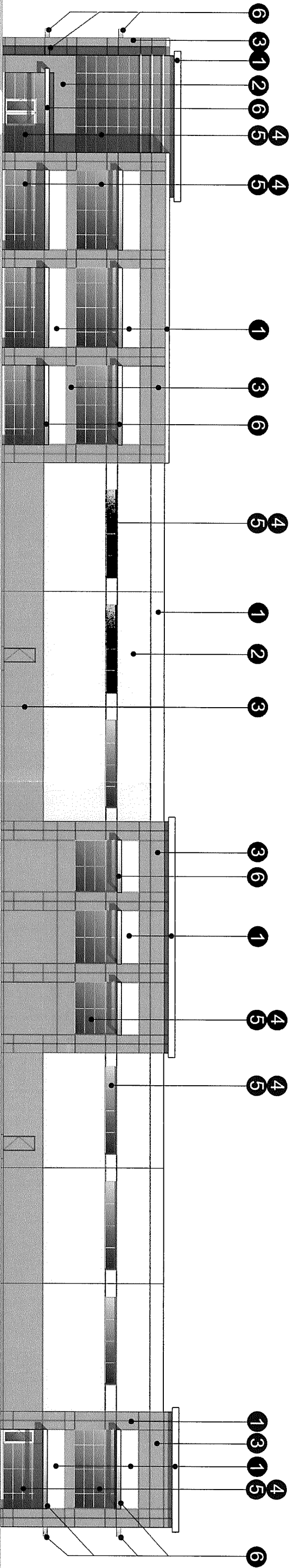


North Elevation - Alondra Blvd.



West Elevation - Ball Avenue

|  |  |   |  |  |   |
|--|--|---|--|--|---|
| <br>1<br>Sherwin Williams<br>SW 7006<br>Extra White | <br>2<br>Sherwin Williams<br>SW 7072<br>Online | <br>3<br>Sherwin Williams<br>SW 7074<br>Software | <br>4<br>Clear Anodized<br>MULLIONS | <br>5<br>Blue Reflective<br>GLAZING | <br>6<br>Sherwin-Williams Metallics<br>SW301 Monorail Silver<br>(Clearcoat) @ Metal CANOPY |
|--|--|---|--|--|---|



Enlarged View of North Elevation - Alondra Blvd.



# 147K Distribution Center

CITY of CARSON, CA

